

CURRENT CLAIMS AND THEIR STATUS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A fan for an alternator-starter, fixed on a rotor, with magnetic poles, of the alternator-starter, the fan comprising:
 - a metallic insert ~~adapted to be~~ fixed on the rotor,
 - a radial web and at least one fan blade, which are plastic material molded on the metallic insert, and
 - a magnetic target which is fixed directly onto one of said metallic insert, said radial web and said fan blade to rotate therewith, whereby said magnetic target, in association with at least one sensor, ensures magnetic following of the rotation of the rotor,

wherein said metallic insert is disposed separate and apart from said at least one fan blade.
2. (Previously presented) A fan according to Claim 1, wherein the magnetic target is molded in situ on the metallic insert.
3. (Previously presented) A fan according to Claim 1, wherein the magnetic target is adhesively bonded on the metallic insert.

4. (Previously presented) A fan according to claim 1, wherein the magnetic target is mounted on a tubular portion of the metallic insert.

5. (Previously presented) A fan according to Claim 4, wherein the magnetic target is mounted on an internal wall of the tubular portion.

6. (Previously presented) A fan according to Claim 4, wherein the magnetic target is mounted on the external wall of the tubular portion.

7. (Previously presented) A fan according to Claim 1, wherein the magnetic target comprises a magnetic material combined with the plastic material of the web and/or fan blades.

8. (Previously presented) A fan according to Claim 1, wherein the magnetic material of the target comprises ferrites or rare earths.

9. (Previously presented) A fan according to Claim 1, wherein the magnetic material of the target is a magnetic plastic material.

10. (Currently amended) A fan for an alternator-starter, fixed on a rotor, with magnetic poles, of the alternator-starter, the fan comprising:

a metallic insert ~~adapted to be~~ fixed on the rotor,

a radial web and at least one fan blade, which are plastic material molded on the metallic insert,

a magnetic target which, in association with at least one sensor, ensures magnetic following of the rotation of the rotor, and

a crown element of plastic material constituting a shroud ring, with at least some of the blades of the fan extending from the web to the crown element, said crown element formed to direct an air stream radially toward the center of the radial web,

wherein said metallic insert is disposed separate and apart from said at least one fan blade.

11. (Previously presented) A fan according to Claim 10, wherein the magnetic target is mounted on the crown element.

12. (Previously presented) A fan according to Claim 10, wherein the magnetic target is mounted against the inner circumference of the crown element.

13. (Previously presented) A fan according to Claim 1, wherein it constitutes a powder pot for the connecting wires of the rotor.

14. (Previously presented) A fan according to Claim 1, wherein the blades are of complex form.

15. (Previously presented) A fan according to Claim 1, wherein the fan blades are spaced apart over at least two stages.

16-17. (Cancelled)

18. (Previously presented) A fan according to claim 2, wherein the magnetic target is mounted on a tubular portion of the metallic insert.

19. (Previously presented) A fan according to claim 3, wherein the magnetic target is mounted on a tubular portion of the metallic insert.

20. (Previously presented) A fan according to claim 1, wherein said magnetic target faces away from said radial web.